



# MC3200 Series

## EMC Configuration and Accessories Guide

*Designed to assist customers and partners with model and  
configuration guidance*



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# MC3200 Configuration Guide



## MC3200 Series

CONFIGURATION & ACCESSORY GUIDES are available on [The Source](#) and [PartnerCentral](#)

For access to additional product information including this guide, please visit: [www.zebra.com/mc3200](http://www.zebra.com/mc3200)

- All MC3200 configurations are compatible and backward compatible with all existing accessories including: Cradles, Holsters and Cables.

Find Product Information in the **EMC Product Portfolio** on [The Source](#) and [PartnerCentral](#)



**Partner Central**

ENTERPRISE MOBILE COMPUTING

# EMC PRODUCT PORTFOLIO

- EMC Resources
- Zebra Solutions At A Glance
- Enterprise Mobile Computing
  - Knowledge Worker Portfolio
  - Line Worker Portfolio
  - EMC Software & Solutions
- Topical Content
  - MSI OS Strategy
  - The Value of Enterprise Class Products

**CUSTOMER FACING** 

**FIELD MOBILITY** 

**TASK SPECIFIC** 

**INDUSTRIAL MOBILITY** 

MC3200 Third party accessories:

- [www.atpinc.com](http://www.atpinc.com)
- [www.portsmith.com](http://www.portsmith.com)

# MC3200 Configuration Matrix

CONFIGURATION OPTIONS:	MC31XX	OPTION	DESCRIPTION
<b>Radio Option</b>	MC32Nx-xxxxxxxx	N	WLAN 802.11 a/b/g/n
<b>WAN</b>	MC32x0-xxxxxxxx	0	None
<b>Form Factor</b>	MC32xx-Rxxxxxxxx	R	Rotating (Turret) Head
	MC32xx-Sxxxxxxxx	S	Straight Shooter
	MC32xx-Gxxxxxxxx	G	Gun
<b>Data Capture options (Scanner)</b>	MC32xx-xLxxxxxxxx	L	SE965 1D Standard Range Scan Engine
	MC32xx-xIxxxxxxxx	I	SE4750 Standard Range Array Imager
	MC32xx-xFxxxxxxxx	F	SE4750 Medium Range
<b>Keyboard Options</b>	MC32xx-xx2xxxxxx	2	28 Key Numeric Keypad
	MC32xx-xx3xxxxxx	3	38 Key Shifted Alpha Keypad
	MC32xx-xx4xxxxxx	4	48 Key Alpha Numeric Keypad
<b>Battery Options</b>	MC32xx-RxxSxxxxx	S	Standard capacity 2740mAH (only with Rotating Head)
	MC32xx-xxxHxxxxx	H	High capacity 4800mAH
<b>Operating System options</b>	MC32xx-xxxxCxxxx	C	Microsoft Windows CE 7.0
	MC32xx-xxxxAxxxx	A	Android 4.1 Jelly Bean with Mx (only in Premium Model)
<b>Memory Options</b>	MC32xx-xxxxxLxxx	L	512 MB RAM / 2 GB Flash (Standard Model)
	MC32xx-xxxxxHxxx	H	1 GB RAM / 4 GB Flash (Premium Model only)
<b>Operating System Language</b>	MC32xx-xxxxxxXxx	E,C,J,K	English, Simplified Chinese, Japanese, Korean
<b>Additional Features</b>	MC32xx-xxxxxxx0x	0	None
	MC32xx-xxxxxxxIx	I	Interactive Sensing Technology (IST) (Only in Premium Models)
<b>Country or Custom Code</b>	MC32x-xxxxxxxAx	A	World Wide ROHS
	MC32xx-xxxxxxxTN	TN	Tunisia



## MC3200 Configurations Available



### MC3200 Variants

#### Standard

##### Operating System

- Windows CE 7.0

##### Memory

- 512 MB RAM / 2 GB Flash

##### Form Factors

- Straight Shooter
- Rotating Head (Turret)
- Gun

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#### Premium

##### Operating System

- Windows CE 7.0
- Android 4.1 Jelly Bean with Mx

##### Memory

- 1 GB RAM / 4 GB Flash

##### Form Factors

- Straight Shooter
- Rotating Head (Turret)
- Gun

##### Added features

- Interactive Sensor Technology (IST)

## MC3200 Data Capture Methods

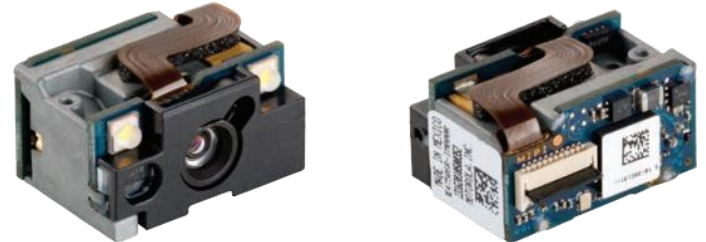
### Scan Engines

**SE965** 1D Standard Range Scan Engine

**SE4750** 1D/2D Standard Range Array Imager



**SE965**  
1D Standard Range Scan  
Engine



**SE4750**  
Standard Range Array  
Imager

## MC3200 Keypad Options

### 28 Key Numeric Telephony

Large numeric keys  
10 Shifted function keys  
Alpha characters by SMS style



### 38 Key Shifted Alpha

Calculator style numeric  
10 Direct function keys  
Shifted Alpha



### 48 Key Alpha-Numeric

Full alpha-numeric keypad  
13 Shifted function keys





## MC3200 Operating Systems



Android 4.1 Jelly Bean




Microsoft Windows  
Embedded Compact 7.0

### Operating System Configurations

**Android 4.1 Jelly Bean (Premium)**

**Microsoft Windows Embedded  
compact 7.0 (Standard or Premium)**

OS swap is only supported on Premium CE and Android Configurations. Devices must be sent to a service depot to perform the OS swap. 

# MC3200

## Accessories Guide



## Step 1: Choosing a charging method



### Single Slot Cradle:

**CRD3000-1001RR** Single slot USB / RS232 Cradle, w/spare battery charging. **Requires:** Power Supply PWR-BGA12V50W0WW, DC Line Cord CBL-DC-388A1-01 and Country Specific 3 wire AC Line Cord.

### Single Slot Cradle Kits:

**CRD3000-101RES (INTERNATIONAL)** **Includes:** Single Slot Cradle CRD3000-1001RR Level VI Power Supply PWR-BGA12V50W0WW and DC Line Cord CBL-DC-388A1-01. Must purchase 3 wire AC Cord separately.

**CRD3000-100RES (US)** **Includes:** Single Slot Cradle CRD3000-1001RR, Level VI Power Supply PWR-BGA12V50W0WW, DC Line Cord CBL-DC-388A1-01, and US AC Cord 23844-00-00R.



The single slot cradle can charge all the MC31 configurations (straight shooter, rotating head and gun), charges a spare battery and has USB connection.

## Additional Accessories for Single Slot Cradle



### 25-68596-01R

USB Cable for the cradle to the host system



### 25-63852-01R

Provides serial communication between the single slot cradle and a host computer.



### PWR-BGA12V50W0WW

Level VI AC/DC Power Supply (Brick, replacement for PWRS-14000-148R)

**AC Input:** 100-240V, 2.4A

**DC Output:** 12V, 4.16A, 50W

**Requires:** DC line cord and Country specific grounded AC line cord.



### CBL-DC-388A1-01

DC Line Cord for running the single slot cradles or battery chargers from a single Level VI power supply PWR-BGA12V50W0WW, Level VI replacement for PWRS-14000-148R.



### 23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.



### 25-63856-01R

Modem adapter cable used on the single slot cradle

## Step 1: Choosing a charging method



### 4 Slot Cradles:

**CHS3000-4001CR** 4 Slot Charge Only Cradle

**CRD3X01-4001ER** 4 Slot Ethernet Cradle

### 4 Slot Cradle Kits:

**CRD3000-400CES (US)** Includes: 4 Slot Charge Only Cradle CHS3000-4001CR, Level VI Power Supply PWR-BGA12V108W0WW, DC Cord CBL-DC-381A1-01 and US AC Cord 23844-00-00R.

**CRD3000-401CES (INTERNATIONAL)** Includes: 4 Slot Charge Only Cradle CHS3000-4001CR, Level VI Power Supply PWR-BGA12V108W0WW and DC Cord CBL-DC-381A1-01. Must purchase 3 wire AC Cord separately.

**CRD3X01-401EES (INTERNATIONAL)** Includes: 4 Slot Ethernet Cradle CRD3X01-4001ER, Level VI Power Supply PWR-BGA12V108W0WW and DC Cord CBL-DC-381A1-01. Must purchase 3 wire AC Cord separately.

## Additional Accessories for 4 slot Cradles



### **PWR-BGA12V108W0WW**

Level VI AC/DC Power Supply (Brick, Replacement for PWRS-14000-241R)

**AC Input:** 100-240V, 2.8A

**DC Output:** 12V, 9A, 108W

**Requires:** DC line cord and Country specific grounded AC line cord.



### **CBL-DC-381A1-01**

DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW, Level VI replacement for PWRS-14000-241R



### **23844-00-00R**

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.



### **KT-136648-01R**

Wall mount bracket for 4 slot cradles.

## Step 2: Choose battery / battery charging accessories

### 2470 mAh Battery



#### **BTRY-MC32-01-01**

Standard capacity battery, 2470 mAh

Pack of 10 spare batteries is also available: **(BTRY-MC32-01-10)**

### 5200 mAh Battery



#### **BTRY-MC32-52MA-01**

High-capacity battery, 5200 mAh

Pack of 10 spare batteries is also available: **(BTRY-MC32-52MA-10)**

### 4 Slot Battery Charger



#### **SAC7X00-4000CR**

4 Slot battery charger base, for standard and high-capacity batteries.

**Requires:** Power Supply PWR-BGA12V50W0WW, DC Line Cord CBL-DC-388A1-01 and Country Specific 3 wire AC Line Cord. Also requires ADP-MC32-CUP0-04 to accept MC32 battery.

#### **SAC-MC32-400US-01 End of Sale**

**US kit.** Includes: 4-slot battery charger SAC7X00-4000CR, battery adapters ADP-MC32-CUP0-04, Level VI Power Supply PWR-BGA12V50W0WW, DC Line Cord CBL-DC-388A1-01, and US AC Cord 23844-00-00R.

#### **SAC-MC33-4SCHG-01 replacement**

#### **SAC-MC32-400INT-01 End of Sale**

**International kit.** Includes: 4-slot battery charger SAC7X00-4000CR, battery adapters ADP-MC32-CUP0-04, Level VI Power Supply PWR-BGA12V50W0WW and DC Line Cord CBL-DC-388A1-01. Must purchase 3 wire AC Cord separately.

#### **SAC-MC33-4SCHG-01 replacement**

### Accessories for battery charger:

#### **PWR-BGA12V50W0WW**

Level VI AC/DC Power Supply (Brick, replacement for PWRS-14000-148R)

**AC Input:** 100-240V, 2.4A

**DC Output:** 12V, 4.16A, 50W **Requires:** DC line cord and Country specific grounded AC line cord.



#### **CBL-DC-388A1-01**

DC Line Cord for running the single slot cradles or battery chargers from a single Level VI power supply PWR-BGA12V50W0WW, Level VI replacement for PWRS-14000-148R.



#### **23844-00-00R**

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.



#### **ADP-MC32-CUP0-04**

Battery adapter cup for spare battery charger SAC7X00-4000CR base. (4-pack)





## Step 3: Choose charging and communication cables

### USB/Charge Cable



#### 25-67868-03R

USB communication and charge cable, must purchase Power supply PWR-BUA5V16W0WW, DC Line Cord CBL-DC-383A1-01 and un-grounded AC line cord separately.

### RS232/Charge Cable



#### 25-67866-03R

RS232 communication and charge cable, must purchase Power supply PWR-BUA5V16W0WW, DC Line Cord CBL-DC-383A1-01 and un-grounded AC line cord separately.

### Power Cable



#### 25-70103-03R

Power only cable, must purchase Power supply PWR-BUA5V16W0WW, DC Line Cord CBL-DC-383A1-01 and un-grounded AC line cord separately.

### Printer Cable



#### 25-91513-01R

Printer cable, to be used with Zebra QL series.

### Vehicle Charge Cable



#### VCA3000-01R

Auto charge cable (cigarette lighter) 12/24V

## Step 4: Choose carrying accessories for straight shooter and rotating head devices

### Fabric Holster



**SG-MC3X-SHLSTB-01**

MC32/MC33 Soft Holster. Compatible with Straight Shooter and Rotating Head devices, allows user to wear the device on a belt or Cross-Body, includes a shoulder Strap and Belt Clip.

### Plastic Holster



**8710-050005-01R**

Plastic holster, secures to a belt. For rotating head and straight shooter configurations.

### Hand Strap



**SG-MC3123244-01R**

Spare hand strap for rotating head and straight shooter configurations (pkg 1).

**Shoulder strap  
58-40000-007R**

Universal shoulder strap for holster.



**Belt for holster  
11-08062-02R**

Universal belt for fabric holster.



### Protective Boots



**11-70899-04R**

Protective boot for straight shooter configurations.



**BOOTSCANTURRETR**

Protective boot for rotating head configurations. Includes terminal boot (11-72097-04R ) and turret cup (11-72096-04R).

## Step 4: Choose carrying accessories for gun devices

### Holster



#### **SG-MC3021212-01R**

Fabric holster, secures to a belt or a shoulder strap. For gun configurations.

### Protective Boot



#### **11-72959-04R**

Protective boot for gun both imager and laser configurations.

#### **Shoulder strap 58-40000-007R**

Universal shoulder strap for holster.



#### **Belt for holster 11-08062-02R**

Universal belt for fabric holster.



### Hand Strap



#### **SG-MC3123242-01R**

Spare hand strap for gun configurations (pkg 1)



#### **SG-MC32-HDSTG-01**

Spare handstrap for gun-configuration, No RFID tag, (pkg 3)

## Step 5: Choose other accessories

### Audio

- |                      |  |
|----------------------|--|
| <b>RCH51</b>         | Rugged wired headset designed for use in nearly any environment                      |
| <b>25-124389-01R</b> | RCH51 headset adapter cable to standard 3-pole 2.5mm barrel jack. For MC32XX models. |
| <b>25-124411-03R</b> | RCH51 headset adapter cable to standard 3-pole 2.5mm barrel jack. For MC32XX models  |



**RCH51**  
Rugged Wired  
Headset



**25-124389-01R**  
Headset adapter



**25-124411-03R**  
Headset adapter  
cable

### Stylus Kits

- |                           |  |
|---------------------------|--|
| <b>11-43912-03R</b>       | Tethered stylus for brick configurations- Pack of 3  |
| <b>11-43912-50R</b>       | Tethered stylus for brick configurations- Pack of 50 |
| <b>KT-MC9X3X-STLSG-05</b> | Spare stylus for gun configurations- Pack of 5       |
| <b>KT-MC9X3X-STLSG-10</b> | Spare stylus for gun configurations- Pack of 10      |
| <b>KT-MC9X3X-STLSG-50</b> | Spare stylus for gun configurations- Pack of 50      |



**11-43912-03R**  
**11-43912-50R**  
Replacement stylus for  
brick configurations

**KT-MC9X3X-STLSG-05**  
**KT-MC9X3X-STLSG-10**  
**KT-MC9X3X-STLSG-50**  
Replacement stylus for  
gun configurations

